Test Report
Fineness test

Project Name	PACKAGE 5(1) Improvements of Road Adjecent to Yelahanka Lake From Kenchanahalli to Chowdeshwari temple in Ward No.2. 2)Improvements and Asplating to New post office Main Road and cross roads in Ward no 01. 3)Improvements and Asplating to suggappa layout cross roads in ward No 01. 4)Improvements and Asplating to Shanimahathma swamy temple road and surabi layout 2nd Main and cross Roads in ward No 01. 5)Asplating to Balance Roads in A & B Sector of Yelahanka New Town in Ward No 04)
Client	Executive Engineer Project Yellahanka Division
Job No	MCTPL/BBMP/EE/Project Division Yelahanka ZONE/P-5/2/19-2020/QR
Mix Type	Plain Cement Concrete(1:3:6)
Contractor	Sri. R.LOKESH
Test Method	IS : 4031 (Part 5) -1988 & Specification for Road & Bridge Works, MORT&H, Rev-
Location	At site
Material	Cement
Sample No	1
Date	14-Nov-2019

Sl. No.	Determination	Trial 1	Trial 2
1	Weight of Cement before sieve (gm)	100	100
2	Weight of residue retained on 90um sieve (gm)	3.4	3.5
3	Percentage retained (%)	3.4	3.5
4	Average Percentage retained (%)	3.45	

Results: Residue of cement is: 3.45%

Comments: Maximum allowable residue by mass for ordinary portlad cement is 10%

Note:

i. The results indicated above are based on the tests carried out on the sample at site.

ii. The results relate only to the items tested.

iii. This test report should not be reproduced except in full, without written approval of this laboratory.

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Test Report
Soundness test

Project Name	PACKAGE 5(1) Improvements of Road Adjecent to Yelahanka Lake From Kenchanahalli to Chowdeshwari temple in Ward No.2. 2)Improvements and Asplating to New post office Main Road and cross roads in Ward no 01. 3)Improvements and Asplating to suggappa layout cross roads in ward No 01. 4)Improvements and Asplating to Shanimahathma swamy temple road and surabi layout 2nd Main and cross Roads in ward No 01. 5)Asplating to Balance Roads in A & B Sector of Yelahanka New Town in Ward No 04)
Client	Executive Engineer Project Yellahanka Division
Job No	MCTPL/BBMP/EE/Project Division Yelahanka ZONE/P-5/2/19-2020/QR
Mix Type	Plain Cement Concrete(1:3:6)
Contractor	Sri. R.LOKESH
Test Method	IS : 4031 (Part 3) -1988 & Specification for Road & Bridge Works, MORT&H, Rev-V.
Location	At Site
Material	Cement
Sample No	1
Date	14-Nov-2019

Sl. No.	Description	Trial 1	Trial 2	Trial 3
1	Initial Distance between the indicator points of Lechatelier mould	10	11	10
2	Final Distance between the indicator points of Lechatelier mould	15	17	14
3	Difference or expansion	5	6	4
4	Average Differences or Expansion in mm		5.00	

Results: Difference in Expansion of Cement: 5.00mm

Note:

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Test Report
Compressive strength test

Project Name	PACKAGE 5(1) Improvements of Road Adjecent to Yelahanka Lake From Kenchanahalli to Chowdeshwari temple in Ward No.2. 2)Improvements and Asplating to New post office Main Road and cross roads in Ward no 01. 3)Improvements and Asplating to suggappa layout cross roads in ward No 01. 4)Improvements and Asplating to Shanimahathma swamy temple road and surabi layout 2nd Main and cross Roads in ward No 01. 5)Asplating to Balance Roads in A & B Sector of Yelahanka New Town in Ward No 04)
Client	Executive Engineer Project Yellahanka Division
Job No	MCTPL/BBMP/EE/Project Division Yelahanka ZONE/P-5/2/19-2020/QR
Mix Type	Plain Cement Concrete(1:3:6)
Contractor	Sri. R.LOKESH
Test Method	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	At Site
Material	Cement
Sample No	1
Date	21-Nov-2019

Cube	Cement Grade	Age at Test (Days)	Slump (mm)	Weight (kg)	Dimension (LxWxH)	Density (kg/m3)	Max. Load (KN)	Area (mm2)	Compressive Strength (N/mm2)	Average Sample (n/mm2)
1	43	7	-	0.83	70.6x70.6x70.6	2358.65	183	4984.36	36.71	36.61
2	43	7	-	0.825	70.6x70.6x70.6	2344.44	182	4984.36	36.51	

Results: 7-days Compressive strength of cement is 36.61N/mm^2

Comments: 7-days Compressive strength of cement should not be less than 33 N/mm^2

Note:

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Test Report
Compressive strength test

Project Name	PACKAGE 5(1) Improvements of Road Adjecent to Yelahanka Lake From Kenchanahalli to Chowdeshwari temple in Ward No.2. 2)Improvements and Asplating to New post office Main Road and cross roads in Ward no 01. 3)Improvements and Asplating to suggappa layout cross roads in ward No 01. 4)Improvements and Asplating to Shanimahathma swamy temple road and surabi layout 2nd Main and cross Roads in ward No 01. 5)Asplating to Balance Roads in A & B Sector of Yelahanka New Town in Ward No 04)
Client	Executive Engineer Project Yellahanka Division
Job No	MCTPL/BBMP/EE/Project Division Yelahanka ZONE/P-5/2/19-2020/QR
Mix Type	Plain Cement Concrete(1:3:6)
Contractor	Sri. R.LOKESH
Test Method	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	At Site
Material	Cement
Sample No	1
Date	12-Dec-2019

Cube	Cement Grade	Age at Test (Days)	Slump (mm)	Weight (kg)	Dimension (LxWxH)	Density (kg/m3)	Max. Load (KN)	Area (mm2)	Compressive Strength (N/mm2)	Average Sample (n/mm2)
1	43	28	-	0.82	70.6x70.6x 70.6	2287.00	224	4984.36	44.94	45.64
2	43	28	-	0.84	70.6x70.6x 70.6	2316.00	231	4984.36	46.34	

Results: 28-days Compressive strength of cement is 45.64N/mm^2

Comments: 28-days Compressive strength of cement should not be less than 43 N/mm^2

Note:

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Test Report
Gradation test

Project Name	PACKAGE 5(1) Improvements of Road Adjecent to Yelahanka Lake From Kenchanahalli to Chowdeshwari temple in Ward No.2. 2)Improvements and Asplating to New post office Main Road and cross roads in Ward no 01. 3)Improvements and Asplating to suggappa layout cross roads in ward No 01. 4)Improvements and Asplating to Shanimahathma swamy temple road and surabi layout 2nd Main and cross Roads in ward No 01. 5)Asplating to Balance Roads in A & B Sector of Yelahanka New Town in Ward No 04)
Client	Executive Engineer Project Yellahanka Division
Job No	MCTPL/BBMP/EE/Project Division Yelahanka ZONE/P-5/2/19-2020/QR
Mix Type	Plain Cement Concrete(1:3:6)
Contractor	Sri. R.LOKESH
Test Method	IS : 2386 (Part - 1) 1963 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	At site
Material	Fine Aggregates
Sample No	1
Date	14-Nov-2019

Weight of Sample(gram): 200

Sl No.	IS Sieve Size	Weight retained	% retained	% Cumulative	Cumulative % of Passing		Remarks
					% Passing	Gradation limits	
1	10 mm	0	0.00	0.00	100.00	100	Gradation satisfies the MORT&H Zone ll Specification for PQC
2	4.75 mm	13	6.50	6.50	93.50	90-100	
3	2.36 mm	21	10.50	17.00	83.00	75-100	
4	1.18 mm	13	6.50	23.50	76.50	55-90	
5	600 µ	45	22.50	46.00	54.00	35-59	
6	300 µ	59	29.50	75.50	24.50	8-30	
7	150 µ	45	22.50	98.00	2.00	0-10	

Note:

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Test Report
Gradation test

Project Name	PACKAGE 5(1) Improvements of Road Adjecent to Yelahanka Lake From Kenchanahalli to Chowdeshwari temple in Ward No.2. 2)Improvements and Asplating to New post office Main Road and cross roads in Ward no 01. 3)Improvements and Asplating to suggappa layout cross roads in ward No 01. 4)Improvements and Asplating to Shanimahathma swamy temple road and surabi layout 2nd Main and cross Roads in ward No 01. 5)Asplating to Balance Roads in A & B Sector of Yelahanka New Town in Ward No 04)
Client	Executive Engineer Project Yellahanka Division
Job No	MCTPL/BBMP/EE/Project Division Yelahanka ZONE/P-5/2/19-2020/QR
Mix Type	Plain Cement Concrete(1:3:6)
Contractor	Sri. R.LOKESH
Test Method	IS : 2386 (Part - 1) 1963 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	At site
Material	Coarse aggregates
Sample No	1
Date	14-Nov-2019

Weight of Sample: 4000 gms

Sl. No	I.S. Sieve size	Weight Retained (gm)	Percentage of weight Retained (%)	Cumulative Percentage of weight retained (%)	Cumulative % of Passing		Remarks
					Test Result	Gradation Limits as per MORT&H	
1	31.50	0	0.00	0.00	100.00	100	
2	26.50	493	12.33	12.33	87.68	85-95	
3	19.00	325	8.13	20.45	79.55	68-88	
4	9.50	637	15.93	36.38	63.63	45-65	
5	4.75	423	10.58	46.95	53.05	30-55	
6	0.60	955	23.88	70.83	29.18	8-30	
7	0.15	855	21.38	92.20	7.80	5-15	
8	0.08	252	6.30	98.50	1.50	0-5	

Note:

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For Mecadez Core Technologies Private Limited

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Test Report
Water absorption test

Project Name	PACKAGE 5(1) Improvements of Road Adjecent to Yelahanka Lake From Kenchanahalli to Chowdeshwari temple in Ward No.2. 2)Improvements and Asplating to New post office Main Road and cross roads in Ward no 01. 3)Improvements and Asplating to suggappa layout cross roads in ward No 01. 4)Improvements and Asplating to Shanimahathma swamy temple road and surabi layout 2nd Main and cross Roads in ward No 01. 5)Asplating to Balance Roads in A & B Sector of Yelahanka New Town in Ward No 04)
Client	Executive Engineer Project Yellahanka Division
Job No	MCTPL/BBMP/EE/Project Division Yelahanka ZONE/P-5/2/19-2020/QR
Mix Type	Plain Cement Concrete(1:3:6)
Contractor	Sri. R.LOKESH
Test Method	IS : 2386 (Part - 3) 1963 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	At site
Material	Coarse aggregates
Sample No	1
Date	14-Nov-2019

Sl. No.	Particulars	Computations	Test Numbers		Mean
			Test 1	Test 2	
1	Weight of SSD sample	W_1 g	761	763	
2	Wt of Basket Filled with Aggregates Immersed in water	W_2g	2025	2030	
3	Weight of Saturated Aggregate in water	$W_s g = W_2 - W_1$	1264	1267	
4	Weight of saturated surface dry aggregate in Air	W_3 g	2060	2055	
5	Weight of water equal to the Volume of the Aggregate	$W_3 - W_s$	796	788	
6	Weight of Oven dried Aggregate	W_4g	2021	2026	
7	Specific Gravity	$W_4/(W_3 - W_s)$	2.54	2.57	2.56
8	Apparent Specific Gravity	$W_4/(W_4 - W_s)$	2.67	2.67	2.67
9	Water Absorption	$(W_4 - W_3)*100/ W_4$	1.93	1.43	1.68

Comments: Maximum allowable Aggregate Water Absorption value is 2.0%.

Note:

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For Mecadez Core Technologies Private Limited

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Test Report
Impact test

Project Name	PACKAGE 5(1) Improvements of Road Adjecent to Yelahanka Lake From Kenchanahalli to Chowdeshwari temple in Ward No.2. 2)Improvements and Asplating to New post office Main Road and cross roads in Ward no 01. 3)Improvements and Asplating to suggappa layout cross roads in ward No 01. 4)Improvements and Asplating to Shanimahathma swamy temple road and surabi layout 2nd Main and cross Roads in ward No 01. 5)Asplating to Balance Roads in A & B Sector of Yelahanka New Town in Ward No 04)
Client	Executive Engineer Project Yellahanka Division
Job No	MCTPL/BBMP/EE/Project Division Yelahanka ZONE/P-5/2/19-2020/QR
Mix Type	Plain Cement Concrete(1:3:6)
Contractor	Sri. R.LOKESH
Test Method	IS : 2386 (Part - 4) 1963 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	At Site
Material	Coarse aggregates
Sample No	1
Date	14-Nov-2019

Sl. No.	Determination	Unit	Trails	
1	Weight of empty cylinder, w1	gm	960	960
2	Weight of container filled with Aggregate, w2	gm	1300	1301
3	Weight of the Aggregate before compaction, (w2 - w1) = w3	gm	340	341
4	Weight of the sample passing through 2.36 mm IS sieves after Impact, w4	gm	79	80
5	Weight of the sample retained on 2.36 mm IS sieve after Impact, w5	gm	261	261
6	Aggregate Impact Value (w4 / w3)x100	%	23.24	23.46
7	Specified Limit	%	45.00	

Results: Average Aggregate Impact Value: **23.35** %

Note:

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For Mecadez Core Technologies Private Limited

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For Mecadez Core Technologies Private Limited

Project Management and Consultancy Services

Summary of Frequencies of Field Tests and Lab Tests Conducted

Name of the work: **PACKAGE 5(1) Improvements of Road Adjecent to Yelahanka Lake From Kenchanahalli to Chowdeshwari temple in Ward No.2. 2)Improvements and Asplating to New post office Main Road and cross roads in Ward no 01. 3)Improvements and Asplating to suggappa layout cross roads in ward No 01. 4)Improvements and Asplating to Shanimahathma swamy temple road and surabi layout 2nd Main and cross Roads in ward No 01. 5)Asplating to Balance Roads in A & B Sector of Yelahanka New Town in Ward No 04)**

Job No: MCTPL/BBMP/EE/Project Division Yelahanka ZONE/P-5/2/19-2020/QR

Contractor Sri. R.LOKESH

Sl. No	Particulars of the Tests	Concrete(M20) For Raft			
		Quantity Cum	Frequency of Tests	Tests Required	Tests Carried Out
IV	Concrete				
1	Compressive strength test	4.14	1 to 5cum=1 sample 6 to 15 cum=2 sample 16 to 30cum=3 smaple 31 to 50cum= 4 sample 51cum and above= one additonal sample for every additional 50 cum or part therof	1	1
	7-days				
	28-days				

Note: Frequency of tests as per Specifications MORT&H, V Revision, Section 900.

Consultant

Contractor

ASSISTANT ENGINEER

ASSISTANT EXE ENGINEER

Test Report
Concrete Compresive strength

Project Name	PACKAGE 5(1) Improvements of Road Adjecent to Yelahanka Lake From Kenchanahalli to Chowdeshwari temple in Ward No.2. 2)Improvements and Asplating to New post office Main Road and cross roads in Ward no 01. 3)Improvements and Asplating to suggappa layout cross roads in ward No 01. 4)Improvements and Asplating to Shanimahathma swamy temple road and surabi layout 2nd Main and cross Roads in ward No 01. 5)Asplating to Balance Roads in A & B Sector of Yelahanka New Town in Ward No 04)
Client	Executive Engineer Project Yellahanka Division
Job No	MCTPL/BBMP/EE/Project Division Yelahanka ZONE/P-5/2/19-2020/QR
Mix Type	Concrete(M20) For Raft
Contractor	Sri. R.LOKESH
Test Method	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Bay
Material	Concrete
Sample No	1
Sample Collected Date	27-Nov-2019
Tested Date	4-Dec-2019

Cube	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
1	20	7	6.53	150*150*150	1934.81	341.00	0.0225	15.16	14.65	14.82
2	20	7	6.47	150*150*150	1917.04	326.00	0.0225	14.49		
3	20	7	6.39	150*150*150	1893.33	322.00	0.0225	14.31		
4	20	7	6.58	150*150*150	1949.63	347.00	0.0225	15.42	14.99	
5	20	7	6.22	150*150*150	1842.96	339.00	0.0225	15.07		
6	20	7	6.39	150*150*150	1893.33	326.00	0.0225	14.49		

Results: 7-days Compressive strength of Concrete is 14.82 N/mm2

Note:

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For Mecadez Core Technologies Private Limited

Authorised Signature

Test Report
Concrete Compresive strength

Project Name	PACKAGE 5(1) Improvements of Road Adjecent to Yelahanka Lake From Kenchanahalli to Chowdeshwari temple in Ward No.2. 2)Improvements and Asplating to New post office Main Road and cross roads in Ward no 01. 3)Improvements and Asplating to suggappa layout cross roads in ward No 01. 4)Improvements and Asplating to Shanimahathma swamy temple road and surabi layout 2nd Main and cross Roads in ward No 01. 5)Asplating to Balance Roads in A & B Sector of Yelahanka New Town in Ward No 04)
Client	Executive Engineer Project Yellahanka Division
Job No	MCTPL/BBMP/EE/Project Division Yelahanka ZONE/P-5/2/19-2020/QR
Mix Type	Concrete(M20) For Raft
Contractor	Sri. R.LOKESH
Test Method	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Bay
Material	Concrete
Sample No	1
Sample Collected Date	27-Nov-2019
Tested Date	25-Dec-2019

Cube	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
1	20	28	7.26	150*150*150	2151.11	518.00	0.0225	23.02	23.36	23.65
2	20	28	7.48	150*150*150	2216.30	526.00	0.0225	23.38		
3	20	28	7.52	150*150*150	2228.15	533.00	0.0225	23.69		
4	20	28	7.39	150*150*150	2189.63	559.00	0.0225	24.84	23.94	
5	20	28	7.44	150*150*150	2204.44	521.00	0.0225	23.16		
6	20	28	7.41	150*150*150	2195.56	536.00	0.0225	23.82		

Results: 28-days Compressive strength of Concrete is 23.65 N/mm2

Note:

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For Mecadez Core Technologies Private Limited

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For Mecadez Core Technologies Private Limited

Project Management and Consultancy Services

Summary of Frequencies of Field Tests and Lab Tests Conducted

Name of the work: PACKAGE 5(1) Improvements of Road Adjecent to Yelahanka Lake From Kenchanahalli to Chowdeshwari temple in Ward No.2. 2)Improvements and Asplating to New post office Main Road and cross roads in Ward no 01. 3)Improvements and Asplating to suggappa layout cross roads in ward No 01. 4)Improvements and Asplating to Shanimahathma swamy temple road and surabi layout 2nd Main and cross Roads in ward No 01. 5)Asplating to Balance Roads in A & B Sector of Yelahanka New Town in Ward No 04)

Job No: MCTPL/BBMP/EE/Project Division Yelahanka ZONE/P-5/2/19-2020/QR

Contractor Sri. R.LOKESH

Sl. No	Particulars of the Tests	Concrete(M20) For Wall			
		Quantity Cum	Frequency of Tests	Tests Required	Tests Carried Out
IV	Concrete				
1	Compressive strength test	2.65	1 to 5cum=1 sample 6 to 15 cum=2 sample 16 to 30cum=3 smaple 31 to 50cum= 4 sample 51cum and above= one additonal sample for every additional 50 cum or part therof	1	1
	7-days				
	28-days				

Note: Frequency of tests as per Specifications MORT&H, V Revision, Section 900.

Consultant Contractor ASSISTANT ENGINEER ASSISTANT EXE ENGINEER

Test Report
Concrete Compresive strength

Project Name	PACKAGE 5(1) Improvements of Road Adjecent to Yelahanka Lake From Kenchanahalli to Chowdeshwari temple in Ward No.2. 2)Improvements and Asplating to New post office Main Road and cross roads in Ward no 01. 3)Improvements and Asplating to suggappa layout cross roads in ward No 01. 4)Improvements and Asplating to Shanimahathma swamy temple road and surabi layout 2nd Main and cross Roads in ward No 01. 5)Asplating to Balance Roads in A & B Sector of Yelahanka New Town in Ward No 04)
Client	Executive Engineer Project Yellahanka Division
Job No	MCTPL/BBMP/EE/Project Division Yelahanka ZONE/P-5/2/19-2020/QR
Mix Type	Concrete(M20) For Wall
Contractor	Sri. R.LOKESH
Test Method	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Bay
Material	Concrete
Sample No	1
Sample Collected Date	2-Dec-2019
Tested Date	9-Dec-2019

Cube	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
1	20	7	6.45	150*150*150	1911.11	326.00	0.0225	14.49	14.76	14.93
2	20	7	6.63	150*150*150	1964.44	341.00	0.0225	15.16		
3	20	7	6.59	150*150*150	1952.59	329.00	0.0225	14.62		
4	20	7	6.49	150*150*150	1922.96	331.00	0.0225	14.71	15.10	
5	20	7	6.38	150*150*150	1890.37	336.00	0.0225	14.93		
6	20	7	6.39	150*150*150	1893.33	352.00	0.0225	15.64		

Results: 7-days Compressive strength of Concrete is 14.93 N/mm2

Note:

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For Mecadez Core Technologies Private Limited

Authorised Signature

Test Report
Concrete Compresive strength

Project Name	PACKAGE 5(1) Improvements of Road Adjecent to Yelahanka Lake From Kenchanahalli to Chowdeshwari temple in Ward No.2. 2)Improvements and Asplating to New post office Main Road and cross roads in Ward no 01. 3)Improvements and Asplating to suggappa layout cross roads in ward No 01. 4)Improvements and Asplating to Shanimahathma swamy temple road and surabi layout 2nd Main and cross Roads in ward No 01. 5)Asplating to Balance Roads in A & B Sector of Yelahanka New Town in Ward No 04)
Client	Executive Engineer Project Yellahanka Division
Job No	MCTPL/BBMP/EE/Project Division Yelahanka ZONE/P-5/2/19-2020/QR
Mix Type	Concrete(M20) For Wall
Contractor	Sri. R.LOKESH
Test Method	IS : 4031 (part 6)-1988 & Specification for Road & Bridge Works, MORT&H, Rev. V.
Location	Bay
Material	Concrete
Sample No	1
Sample Collected Date	2-Dec-2019
Tested Date	30-Dec-2019

Cube	Concrete Grade	Age at Test (Days)	Weight (kg)	Dimension (LxWxH)	Density (kg/m^3)	Max. Load (KN)	Area (m^2)	Compressive Strength (N/mm^2)	Avg. Sample Strength	Avg. Strength
1	20	28	7.45	150*150*150	2207.41	528.00	0.0225	23.47	23.41	23.58
2	20	28	7.36	150*150*150	2180.74	533.00	0.0225	23.69		
3	20	28	7.52	150*150*150	2228.15	519.00	0.0225	23.07		
4	20	28	7.78	150*150*150	2305.19	527.00	0.0225	23.42	23.75	
5	20	28	7.26	150*150*150	2151.11	529.00	0.0225	23.51		
6	20	28	7.45	150*150*150	2207.41	547.00	0.0225	24.31		

Results: 28-days Compressive strength of Concrete is 23.58 N/mm2

Note:

i. The results indicated above are based on the tests carried out on the sample at site.
ii. The results relate only to the items tested.
iii. This test report should not be reproduced except in full, without written approval of this laboratory.
iv. Any query regarding the report must be reported immediately.

For Mecadez Core Technologies Private Limited

Authorised Signature

Mecadez Core Technologies Private Limited

Project Management and Consultancy Services

Summary of Frequencies of Field Tests and Lab Tests Conducted

Name of the work: **PACKAGE 5(1) Improvements of Road Adjecent to Yelahanka Lake From Kenchanahalli to Chowdeshwari temple in Ward No.2. 2)Improvements and Asplating to New post office Main Road and cross roads in Ward no 01. 3)Improvements and Asplating to suggappa layout cross roads in ward No 01. 4)Improvements and Asplating to Shanimahathma swamy temple road and surabi layout 2nd Main and cross Roads in ward No 01. 5)Asplating to Balance Roads in A & B Sector of Yelahanka New Town in Ward No 04)**

Job No: **MCTPL/BBMP/EE/Project Division Yelahanka ZONE/P-5/2/19-2020/QR**

Contractor **Sri. R.LOKESH**

Sl. No	Particulars of the Tests	Steel			
		Quantity in Tonne	Frequency of Tests	Tests Required	Tests Carried Out
I	Steel				
1	Compressive strength test	0.6	1 sample per source	1	1

Note: Frequency of tests as per Specifications MORT&H, V Revision, Section 900.

CONSULTANTS

CONTRACTOR

ASSISTANT ENGINEER

ASSISTANT EXECUTIVE ENGINEER

Test Report
Steel

Project Name	PACKAGE 5(1) Improvements of Road Adjecent to Yelahanka Lake From Kenchanahalli to Chowdeshwari temple in Ward No.2. 2)Improvements and Asplating to New post office Main Road and cross roads in Ward no 01. 3)Improvements and Asplating to suggappa layout cross roads in ward No 01. 4)Improvements and Asplating to Shanimahathma swamy temple road and surabi layout 2nd Main and cross Roads in ward No 01. 5)Asplating to Balance Roads in A & B Sector of Yelahanka New Town in Ward No 04)
Client	Executive Engineer Project Yellahanka Division
Job No	MCTPL/BBMP/EE/Project Division Yelahanka ZONE/P-5/2/19-2020/QR
Contractor	Sri. R.LOKESH
Location	Bay
Material	Steel
Sample No	1
Date	27-Nov-2019

Sl. No.	Dia in mm	Weight in Kg/mtr	Average Weight Kg/mtr	Ultimate Load in KN	Ultimate Tensile stress in N/mm^2	Average Ultimate Tensile Stress N/mm^2	Elongation in mm	Bending and Rebending
1	10	0.601	0.6	47.2	600.97	597.15	20	OK
	10	0.593		46.6	593.33			
2	12	0.896	0.88	72.8	643.69	631.32	20	OK
	12	0.872		70	618.94			

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For Mecadez Core Technologies Private Limited

Authorised Signature